Name _____

○ 10-4 student book pages 272-273

Multiplying with Mixed Numerals

To multiply with mixed numerals, first rename the mixed numerals as fractions. Then multiply.

Rename each factor as a fraction. Then multiply. Write each product in simplest form.

1. $2\frac{1}{2} \times 1\frac{1}{5} =$

2. $1\frac{1}{6} \times 1\frac{1}{2} =$

3. $2\frac{1}{5} \times 1\frac{1}{4} =$

4. $6\frac{1}{4} \times 2\frac{2}{3} =$

5. $3\frac{1}{2} \times 1\frac{1}{7} =$

6. $2\frac{2}{5} \times 2\frac{1}{3} =$

7. $1\frac{3}{5} \times 4\frac{1}{4} =$

8. $3\frac{2}{3} \times 1\frac{4}{5} =$

9. $2\frac{4}{9} \times 4\frac{1}{2} =$

10. $3\frac{3}{4} \times 1\frac{1}{7} =$

11. $3\frac{3}{8} \times 1\frac{5}{9} =$

12. $3\frac{3}{5} \times 1\frac{1}{3} =$

13. $2\frac{2}{5} \times 3\frac{2}{3} =$

14. $4\frac{5}{6} \times 2\frac{1}{3} =$

15. $1\frac{3}{4} \times 4\frac{1}{8} =$

16. $5\frac{1}{3} \times 3\frac{3}{5} =$

17. Gary decides to make $2\frac{1}{2}$ times the number of muffins in a certain recipe. If the recipe calls for $\frac{3}{4}$ cup of blueberries, how many cups of blueberries does Gary need?

18. Suppose $2\frac{1}{3}$ cups of flour are needed in a biscuit recipe. If Gary decides to make $3\frac{1}{2}$ times as many biscuits, how many cups of flour does he need?